

10/30/07-05164

**CH2M HILL**

15010 Conference Center Dr

Suite 200

Chantilly, VA 20151

Tel 703.376.5000

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October 30, 2007

364500.SI.DM

NAVFAC Atlantic  
Att: Rodger Jackson, Code: EV23  
6506 Hampton Blvd.  
Norfolk, VA 23508-1278

Subject: Laboratory Selection for Cherry Point

Dear Mr. Jackson:

Empirical Laboratory, LLC has been selected to perform analytical services for the Site 87-BT11 sampling at Cherry Point under Contract Task Order (CTO) 207 under the Navy CLEAN III program. This laboratory is a participant in the Navy CLEAN Basic Ordering Agreement (BOA) and is currently approved by the Navy and/or EPA for the requested analyses. All analyses requested for this project are performed using CLP or other EPA methods.

The Navy has determined that Empirical is capable of compliance with the data quality objectives outlined in the workplan. Attached are (1) the table of analytical methods used, and (2) the Navy approval letter, showing NFESC acceptance of the laboratories to perform the requested methods for hazardous waste constituents where acceptance is appropriate.

Sincerely,

A handwritten signature in black ink, appearing to read "Laura Lampshire".

for Laura Lampshire/WDC  
Project Manager

Enclosures

cc: Sheri Eng/Navy  
Bill Friedmann/CH2M HILL

Bonnie Capito/NAVFAC Atlantic  
Gena D. Townsend/EPA

**Bid Sheet**  
**CTO 207, Site 87**  
**MCAS Cherry Point**  
**Navy CLEAN Contract #N62470-02-D-3052**  
**Analytical Laboratory Services**

Analysis/Test	Sample Matrix	Field Samples	Field Duplicates	Equipment Rinsate Blanks*	Field Blanks*	Matrix Spikes	Matrix Spike Duplicates	Trip Blanks	Total Billable Samples	Unit Price	Total Cost
<b>Initial Event/ First Quarterly Event</b>											
<b>late November/December 2007</b>											
(Unit price should reflect 28 calendar day TAT)											
4-Methylphenol by SW-846 8270C	Groundwater	3	1	1	1	1	1	0	6		
Lead by SW-846 6010B	Groundwater	3	1	1	1	1	1	0	6		
4-Methylphenol by SW-846 8270C	Surface Soil	4	1	1	1	1	1	0	7		
Lead by SW-846 6010B	Surface Soil	4	1	1	1	1	1	0	7		
<b>Initial Event Subtotal</b>											
<b>Second Quarterly Event</b>											
<b>February/March 2008</b>											
(Unit price should reflect 28 calendar day TAT)											
4-Methylphenol by SW-846 8270C	Groundwater	3	1	1	1	1	1	0	6		
Lead by SW-846 6010B	Groundwater	3	1	1	1	1	1	0	6		
<b>2nd Event Subtotal</b>											
<b>Third Quarterly Event</b>											
<b>May/June 2008</b>											
(Unit price should reflect 28 calendar day TAT)											
4-Methylphenol by SW-846 8270C	Groundwater	3	1	1	1	1	1	0	6		
Lead by SW-846 6010B	Groundwater	3	1	1	1	1	1	0	6		
<b>3rd Event Subtotal</b>											
<b>Fourth Quarterly Event</b>											
<b>August/September 2008</b>											
(Unit price should reflect 28 calendar day TAT)											
4-Methylphenol by SW-846 8270C	Groundwater	3	1	1	1	1	1	0	6		
Lead by SW-846 6010B	Groundwater	3	1	1	1	1	1	0	6		
<b>4th Event Subtotal</b>											
<b>UFP-QAPP Worksheets</b>											
(due within 3 calendar days of subcontract award) *											
<b>Total Cost</b>											

4-methylphenol and lead should be the only analytes reported on the EDD, Form Is, etc.

**Submit your most recent MDL Study and in-house Reporting Limits along with this Bid Response.**  
**MS/MSDs are not billable per the Navy CLEAN BOA**

\* Will need 5 business days to complete.

Authorized by: Robert E. Boyd, Director, Business Development  
Laboratory: Empirical Laboratories, LLC  
Date: October 11, 2007  
Signature: Robert E. Boyd



## DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING SERVICE CENTER  
1100 23RD AVE  
PORT HUENEME CA 93043-4370

IN REPLY REFER TO:

NFESC 413  
February 20, 2007

Mr. Randy Ward  
QA Manager  
Empirical Laboratory, LLC  
227 French Landing Drive  
Nashville, TN 37228

Dear Mr. Ward,

This correspondence addresses the status of Empirical Laboratory, LLC of Nashville, Tennessee in the Navy Environmental Restoration (ER) Quality Assurance (QA) Program as administered by the Naval Facilities Engineering Service Center (NFESC).

Your laboratory is accepted to perform sample analysis for the methods listed in Table 1. The period of acceptance expires June 12, 2008. This acceptance does not guarantee the delivery of any analytical samples. Acceptance is facility specific and can not be transferred to an affiliated or subcontract laboratory.

The Navy's assessment included a review of the laboratory's QA manual, selected standard operating procedures (SOPs) and SOP master list, list of major analytical instrumentation, performance test (PT) results and onsite assessment documentation<sup>1</sup>.

The Navy reserves the right to conduct additional laboratory assessments or to suspend or revoke acceptance status for any or all of the listed parameters if deemed necessary.

Table 1

METHOD	PARAMETER	MATRIX
9056/300 Series	Anions: Chloride, Fluoride, Sulfate, Nitrate, Nitrite, and Ortho-phosphate	Water
9010B/9014	Total Cyanide	Water/Solid
8051A	Organochlorine Herbicides	Water/Solid
7470A/7471A	Mercury	Water/Solid
8260B	Volatile Organic Compounds	Water/Solid
8270C	Semivolatile Organic Compounds	Water/Solid
8330	Nitroaromatics & Nitramines	Water/Solid
8310	Polyaromatic Hydrocarbons	Water/Solid
8081A	Organochlorine Pesticides	Water/Solid

<sup>1</sup> State of New Jersey (Office of Quality Assurance) conducted an on-site assessment under National Environmental Laboratory Accreditation Conference (NELAC) requirements on March 21-23, 2006.



NFESC 413  
October 24, 2006

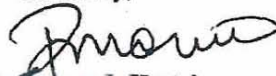
8082	Polychlorinated Biphenyls (PCBs)	Water/Solid
8015B	TPH (GRO/ DRO)	Water/Solid
6010B/7000A	TAL Metals: Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, and Zinc	Water/Solid
7196A	Hexavalent Chromium	Water/Solid

Acceptance for use for parameters not identified on the table will be determined by Navy project personnel.

The laboratory should notify NFESC if there are parameters not presented on Table 1 that the laboratory expects to run on a routine basis in support of Navy installation restoration projects. In these circumstances the laboratory's capability to run the tests will be reviewed and the table will be modified accordingly.

Questions concerning the information provided should be directed to the NFESC IR QA Program coordinator, Ms. Patricia Moreno at (805) 982-1659, or via email at [pati.moreno@navy.mil](mailto:pati.moreno@navy.mil).

Sincerely,

  
for Robert J. Kratzke  
Supervisor, Consultation/Information  
Management Branch